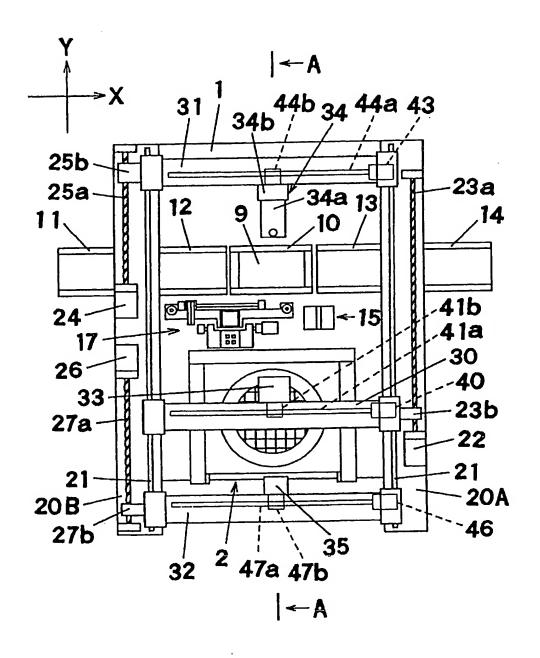
FIG. 1



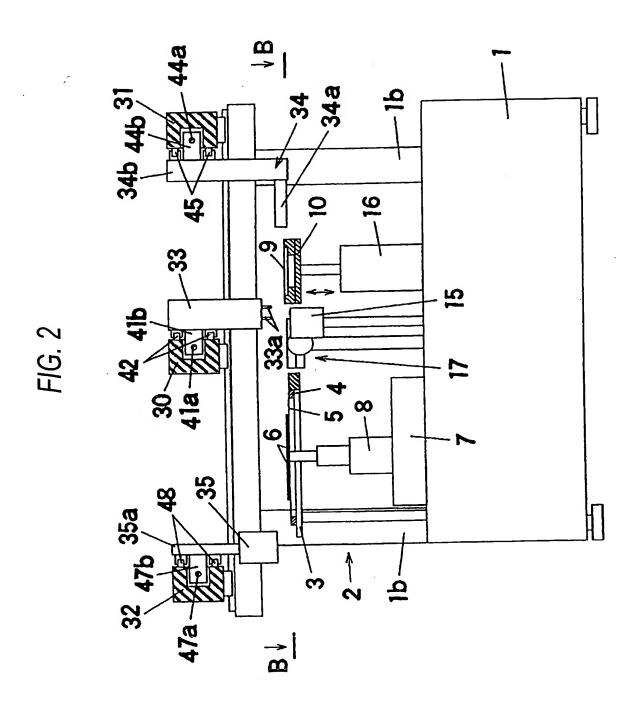
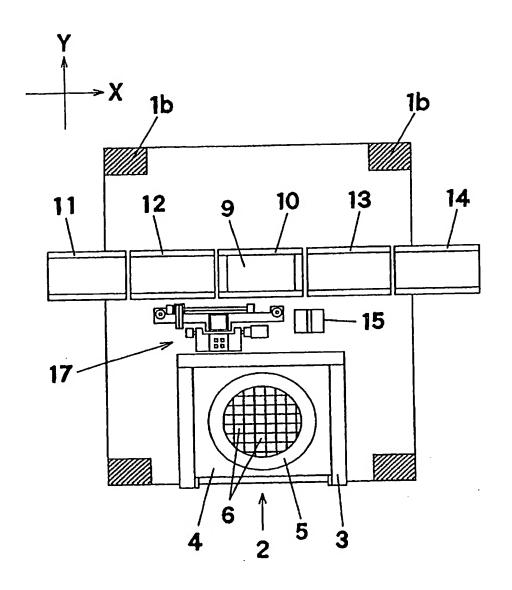
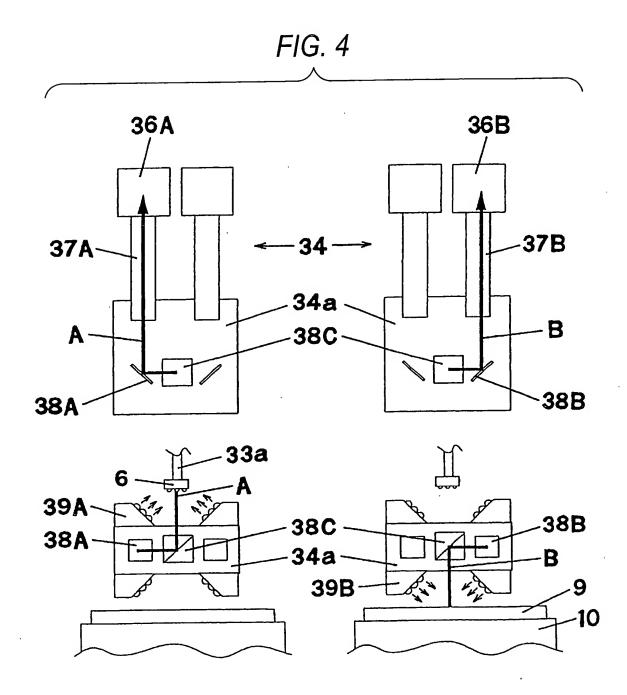


FIG. 3





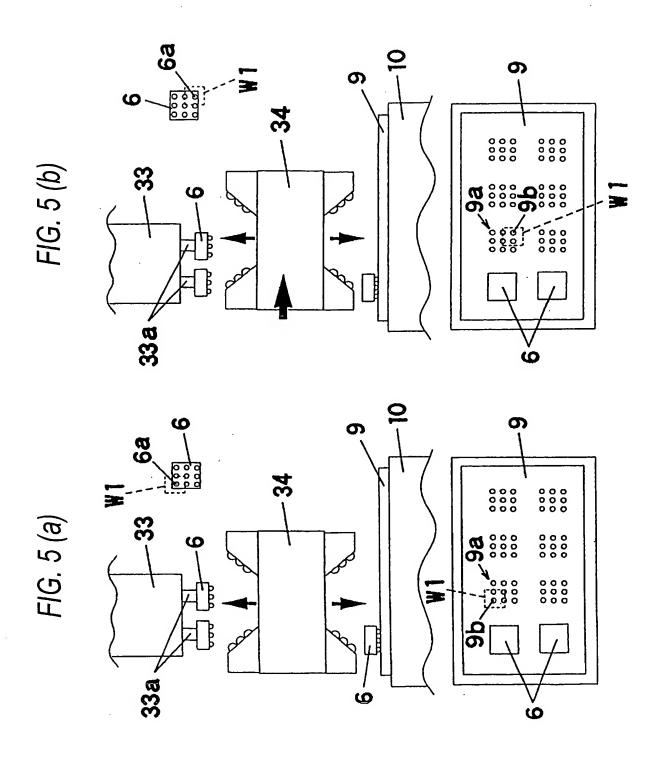


FIG. 6

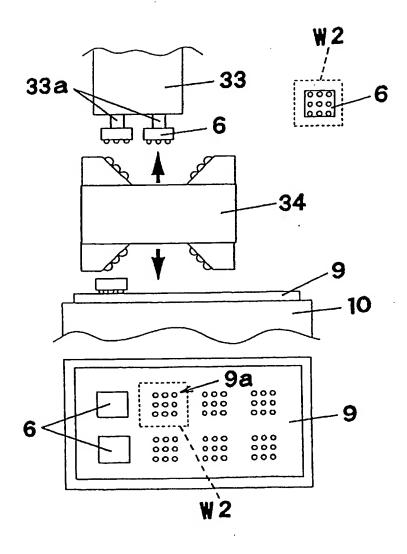
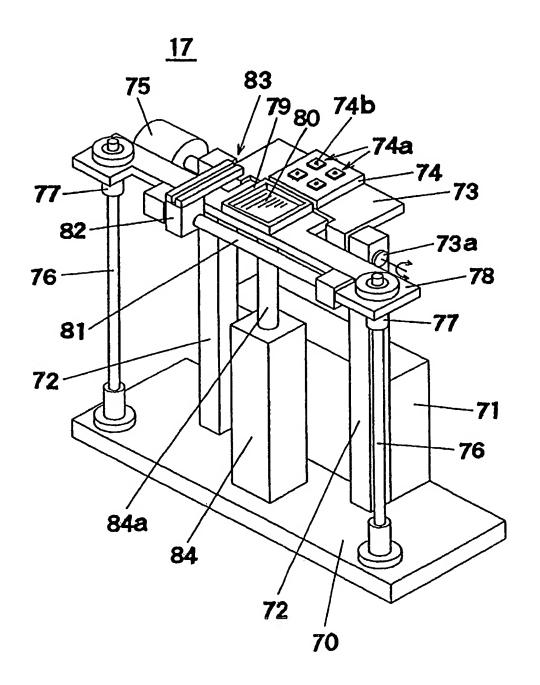
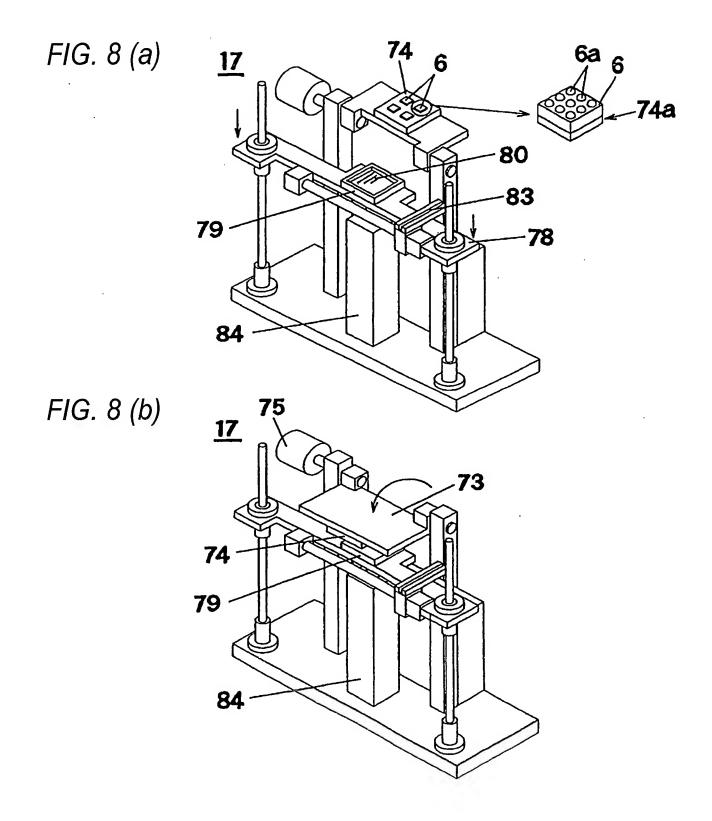
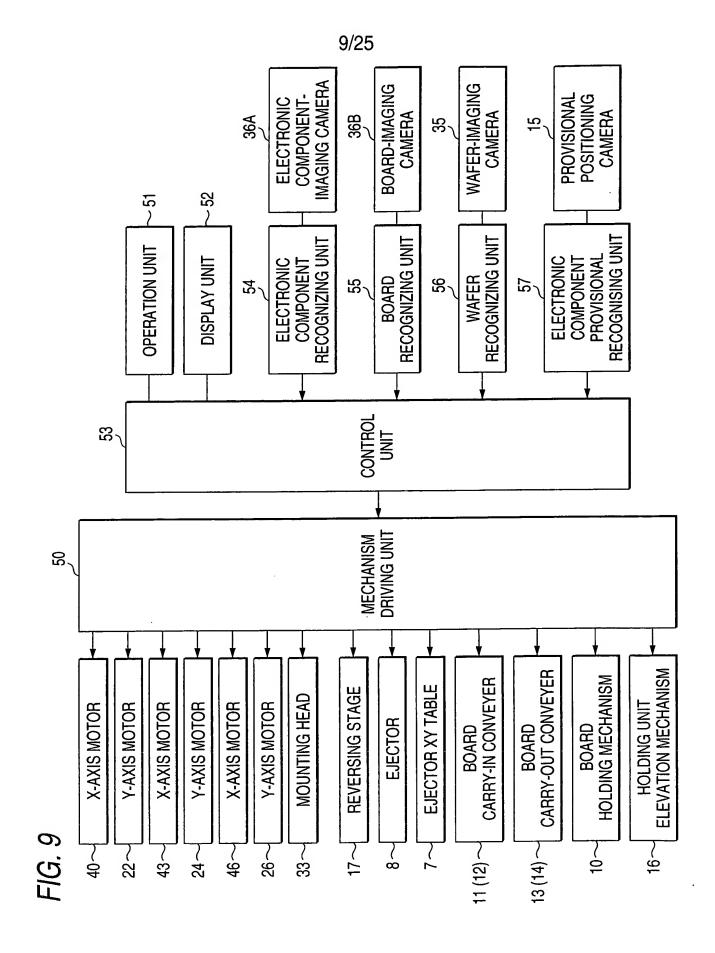


FIG. 7







59

58

16^

35

36A

36B ~

15

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FIG. 11 ELECTRONIC COMPONENT MOUNTING OPERATION (STANDARD MODE) SUCK/HOLD ELECTRONIC ~ ST1 COMPONENT **EXECUTE PROVISIONAL** ST2 - ST4 HOLDING UNIT DESCENDS RECOGNIZING OPERATION **EXECUTE PROVISIONAL EXECUTE OBSERVATION** ST3 ST5 POSITIONING OPERATION **HEAD POSITIONING** FOR FIRST SET **OPERATION EXECUTE OBSERVING OPERATION** S7 NO **NEXT SET IS PRESENT?** YES ST8 SŢ9 **EXECUTE PROVISIONAL POSITIONING EXECUTE OBSERVATION EHAD OPERATION FOR NEXT SET** POSITIONING OPERATION **EXECUTE OBSERVATION** ST10 **HEAD EVACUATING OPERATION EXECUTE POSITIONING** ST12 **OPERATION FOR FIRST SET** HOLDING UNIT ASCENDS ST11

NOZZLE DESCENDS (MOUNT)

NEXT SET IS PRESENT?

EXECUTE POSITIONING

OPERATION FOR NEXT SET

YES !

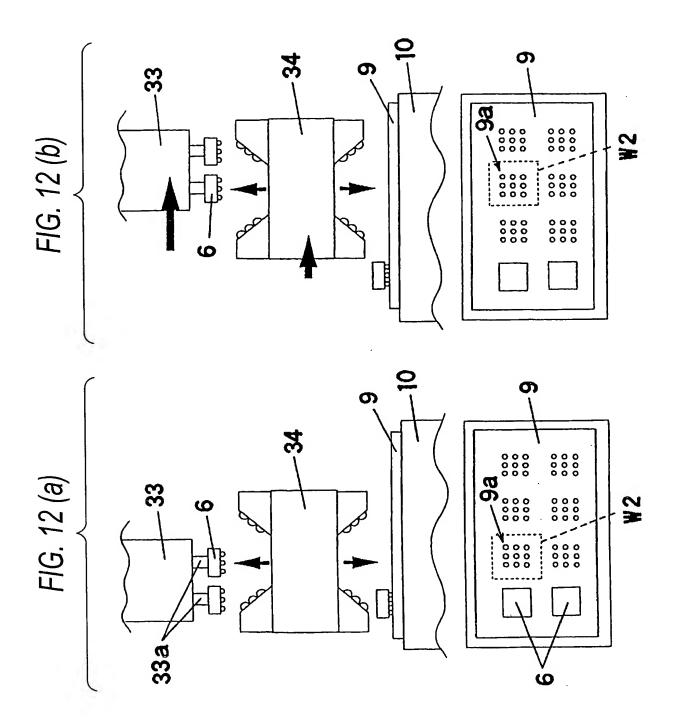
S14

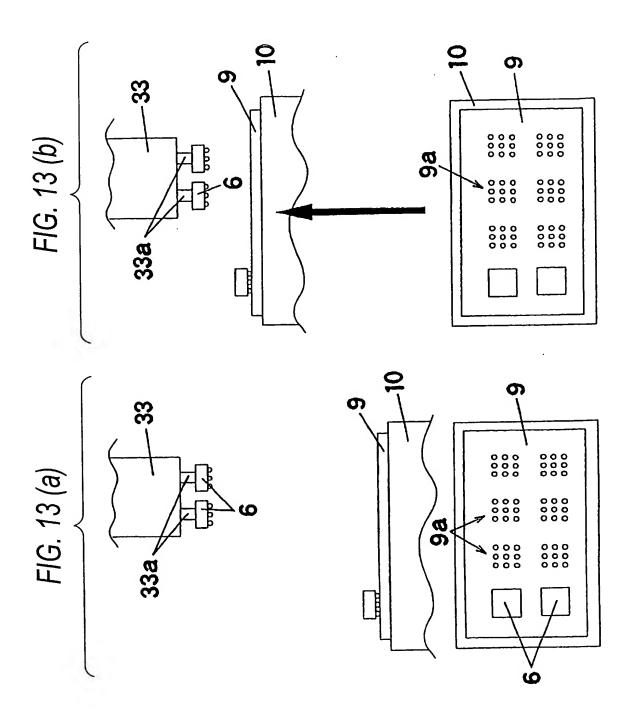
~ S13

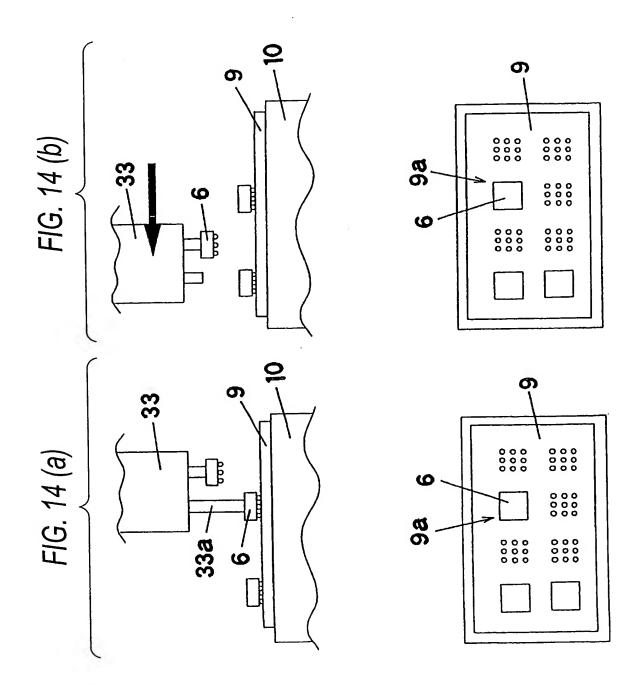
ST15

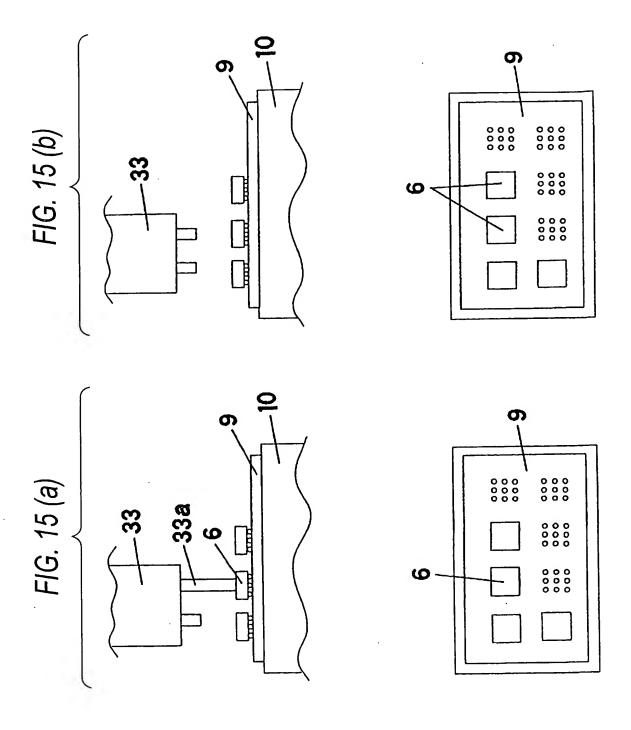
END

NO



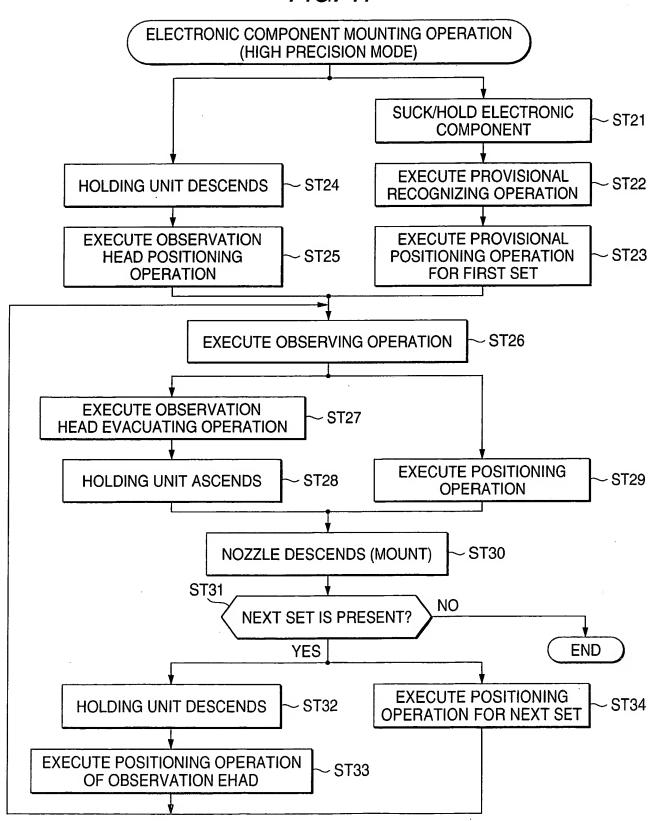


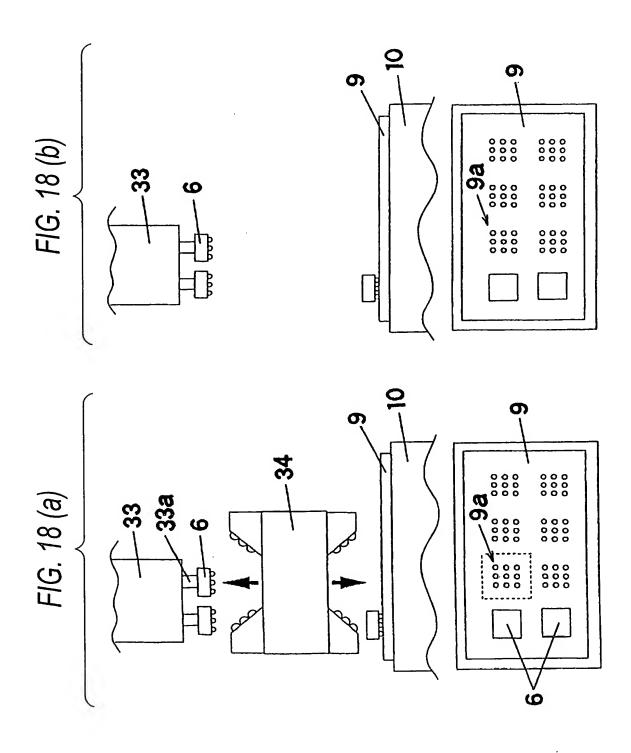


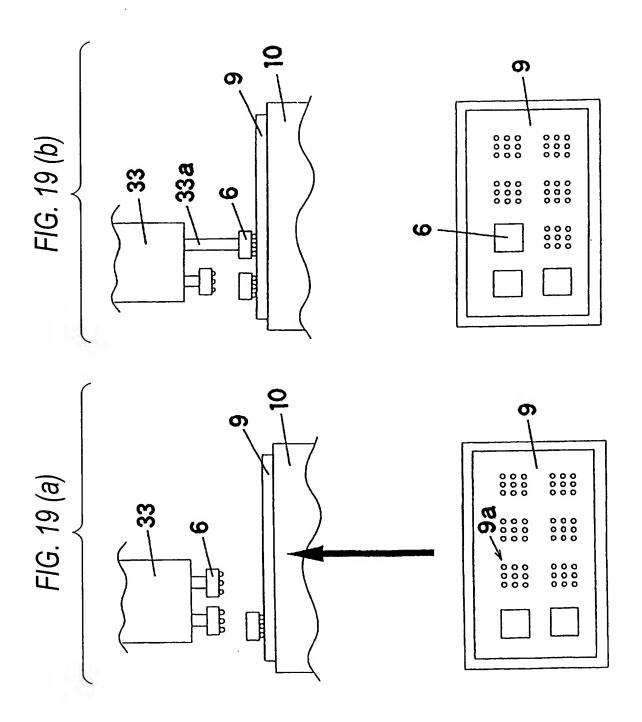


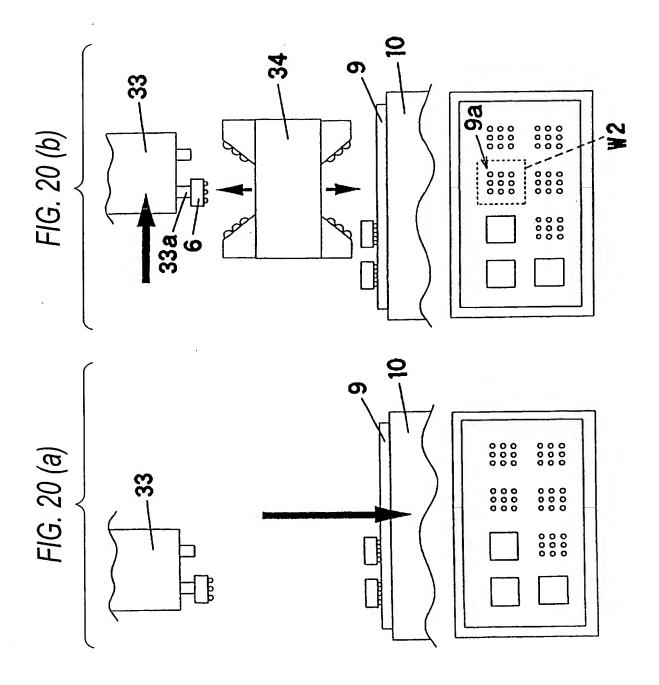
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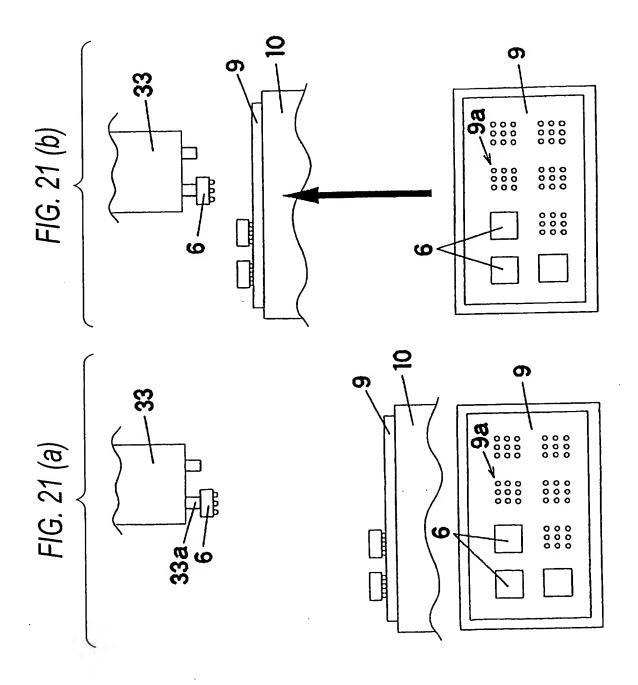
FIG. 17

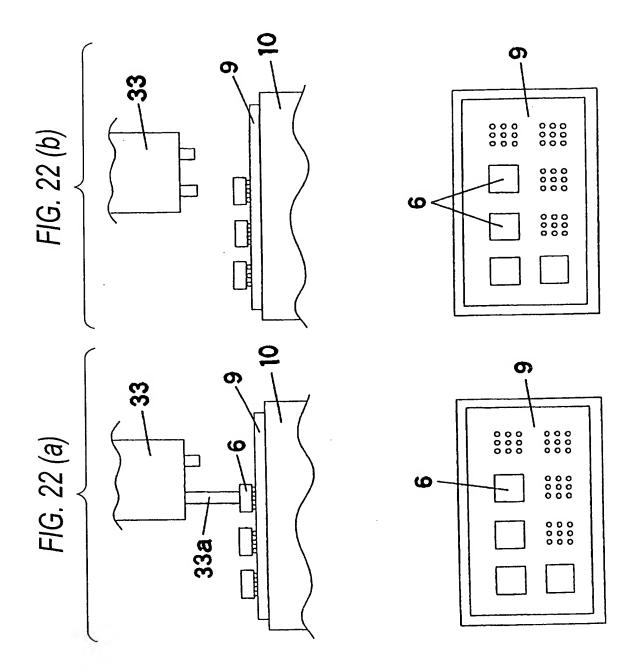












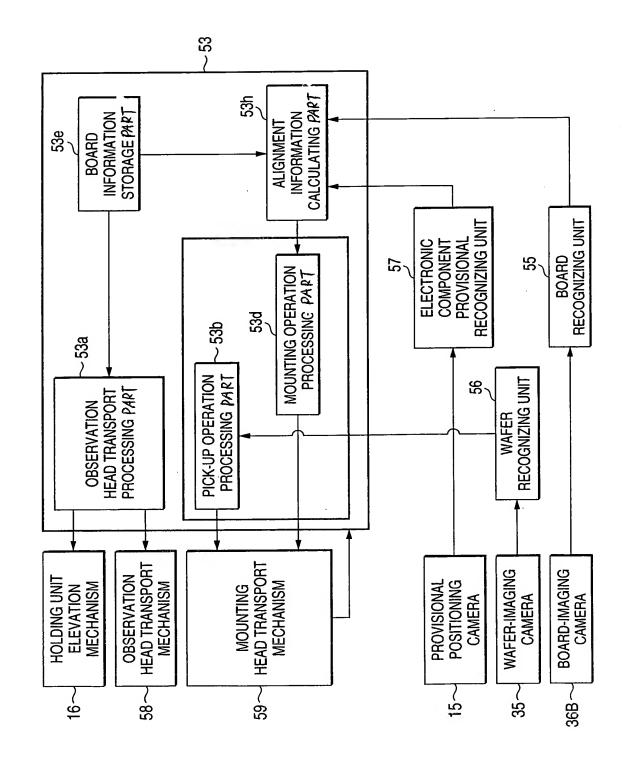


FIG. 23

FIG. 24

